

Curriculum Vitae (CV)

Dr.-Ing. Ahmed Said Tamim



Personal Information:

Academic Rank: Lecturer

Department: Mechanical Engineering

Specialization: Mechatronics

Position: Lecturer in the Mechatronics

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Education:

Degree	Discipline	Institution	Year
PhD	Electrical Engineering	PADERBORN UNIVERSITY, GERMANY	2007
M.Sc	Engineering Physics	MANSOURA UNNIVERSITY	2003
B.Sc	Electronics and Communications Engineering	FACULTY OF ENGINEERING, ZAGAZIC UNIVERSITY	1995

Courses taught

- Electromagnetic circuits
- Electrical Circuits
- Electronic Circuits
- Electronics
- Power Electronics
- Vision

Publications:

- 1- A. Tamim, U. Hilleringmann, "Design, Fabrication and characterization of optical waveguides" UPB – EIM, No. 1039, pp. 622 – 635, 2005.
- 2- A. Tamim, " Low pressure chemical vapor deposition of silicon nitride and silicon oxynitride" UPB – EIM, No. 1211, pp. 387 – 399, 2006.
- 3- A. Tamim, U. Hilleringmann, "Ammonia sensing" UPB – EIM, No. 1375, pp. 534 – 545, 2007

4- A. Tamim, " Low pressure chemical vapor Deposition of silicon nitride and silicon oxynitride layers and their applications in optical waveguides based chemical sensors", PhD thesis, Faculty of Engineering, Paderborn University, Germany, 2007.

[http://ubdok.uni-paderborn.de/servlets/DerivateServlet/Derivate- 5367/disserta.pdf](http://ubdok.uni-paderborn.de/servlets/DerivateServlet/Derivate-5367/disserta.pdf)

5- A. Tamim, " Design of rib waveguides for chemical sensing applications using effective index method (EIM)", Fourth Saudi Science Conference, KSA, 2010.)